Film Data Sheet T-64 Tungsten Pack Film





Film Speed

ISO 64/DIN 19

Format

 $3^{1}/4 \times 4^{1}/4$ in. (8.5 x 10.8 cm) Pack Film

Image Area

 $2^{7}/8 \times 3^{3}/4$ in. (7.3 x 9.5 cm)

Finish

Glossy

Exposures per Unit

10 exposures per pack

Development Time

90 seconds at 70°F

Description

Special tungsten (3200°K) balanced film for rich, saturated color prints, in $3^{1}/4 \times 4^{1}/4$ pack format. Color-balanced for tungsten lighting, rich and saturated colors, excellent image sharpness and clarity, designed for long exposures (ideal @ $^{1}/2$ to 30 seconds).

Key Applications

- Professional photography (proofing for tungsten studios)
- · Copystand photography
- Microscopy
- · Scientific imaging

Compatible Hardware

- MP-4+ camera
- Any camera or instrument (especially microscopes) equipped with a Model 405 film holder

Special Treatment

None

Caution

This film uses a small amount of caustic paste. If any paste appears, avoid contact with skin, eyes and mouth and keep away from children and animals. If you get some paste on your skin, wipe it off immediately, then wash with water to avoid an alkali burn. If eye contact occurs, quickly wash the area with plenty of water and see a doctor. Keep discarded materials away from children, animals, clothing and furniture.

Limited Warranty

See information on the film box.

T-64 Tungsten Instant Color Peel-Apart Films



The information in this film data sheet represents the typical performance of Polaroid's T-64 Tungsten color films. Specific film lots may vary.

Recommended speed (ISO)	64 / 19°	
Recommended processing time and temperature	90 sec. @ 70°F/21°C	
Resolution (1000:1)	10 line pairs/mm	
Contrast	Medium - High	

Processing time and temperature

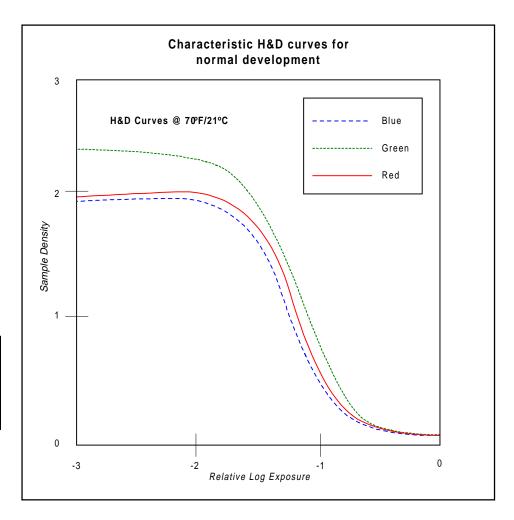
For best results process at temperatures above 60°F(16°C).

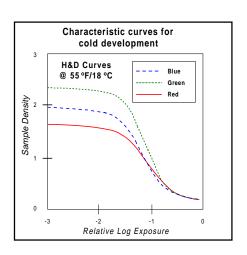
°F	°C	Time in seconds	Exposure Adjustment	
95	35	90	-1/3 stop	
65-90	21-32	90	None	
55	13	120	1/2 stop	

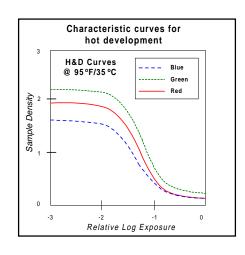
D-Max: The density value for the film's darkest black.

D-Min: The lowest density value that a film exhibits. In prints, the whiteness of the brightest highlight, relative to the unprocessed print.

Slope: The positive ratio of the log E increments of the straight line region of the curve, as determined by the 1/4-3/4 increment method. The slope of an H&D curve indicates the overall contrast of a film: low contrast slopes less than 1.10; medium contrast slopes from 1.10 to 1.70; high contrast slopes greater than 1.70.





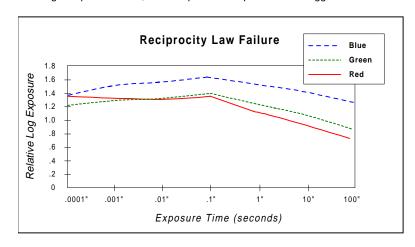


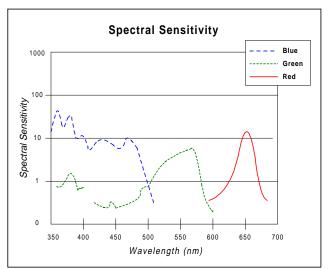
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Reciprocity law failure

A wide range of shutter speeds can be used without loss of film speed. For longer exposure times, some exposure compensation is suggested.





Shutter Speed	1/4000 to 1/30	1/15 to 4	8	16	32	64
Exposure Adjustment	Not recommended	+2/3 stop	None	+1/3 stop	+1/3 stop	+1/3 stop
Color Compensating Filter	-	None	None	None	CC05B	CC05B

Reciprocity: The ability of the film to respond in a constant manner to a constant exposure (light intensity x time). Reciprocity failure occurs during very long or very short exposures, requiring the photographer to increase exposure. Spectral Sensitivity: Shows the equivalent energy needed at each wavelength in order to activate the emulsion so that it produces a neutral density of .75.